

Group IV, claims 18-19, drawn to antibodies;

Group V, claims 20, drawn to a method of detection using an antibody;

Group VI, claim 21 drawn to an apparatus; and

Group VII, claims 24-26, drawn to a method of treatment.

The Examiner further requires an election of species of one of the species of claim 2; one of molecular weights of claims 6-7 and one of the amino acid sequences of claims 8-9.

For the purpose of examination of the present application, Applicants elect, with traverse, Group I, claims 1-9, drawn to polypeptides.

Applicant further elect the following species:

In claim 2 - the species *Mycobacterium tuberculosis*;

In claim 6 - the molecular weight of 100kDa;

In claim 7 - the molecular weight of about 55 to 65 kDa;

In claim 8 - the amino acid sequence selected from <400>2; and

In claim 9 - the amino acid sequence selected from <400>1.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact MaryAnne Armstrong (Reg. No. 40,069) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

Appl. No. 09/461,774

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By MaryAnne Armstrong  
Gerald M. Murphy, Jr., #28,977

MaryAnne Armstrong, PhD #40,069

GMM/MAA  
1781-0180P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

(Rev. 04/19/2000)